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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

LEIBER et al

Atty. Ref.: 35-222

Serial No. 10/030,472

Group: 2653

Filed: May 15, 2002

Examiner: P. Huber

For: DATA STORAGE MEDIUM

\* \* \* \* \*

February 11, 2005

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

02/15/2005 BABRAHA1 00000187 10030472

01 FC:1806

180.00 OP

Sir:

**INFORMATION DISCLOSURE STATEMENT**

Listed on accompanying Forms PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith. It is further understood that the Examiner will consider information that had been cited by or submitted to the U.S. Patent and Trademark Office in a prior application relied on under 35 U.S.C. § 120. 1138 OG 37, 38 (May 19, 1992).

Applicants have checked the appropriate boxes below.

1. ☐ This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No statement under 37 C.F.R. § 1.97(e) or fee is required. In the event, a first Office Action has been mailed prior to filing of the present Information Disclosure Statement, the Office is requested to treat the present paper as a submission under 37 C.F.R. § 1.97(c) and charge the undersigned's Deposit Account No. 14-1140 for the fee required by 37 C.F.R. § 1.17(p). The present paper is submitted in duplicate for this purpose.

2. ☒ This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.

a. ☐ I hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

b. ☐ I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

c. ☒ Attached is our Check in the amount of \$180.00 in payment of the fee under 37 C.F.R. § 1.17(p).

3. ☐ This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. It is hereby requested that the Information Disclosure Statement be considered. Attached is our Check No. in the amount of \$ in payment of the fee under 37 C.F.R. § 1.17(i).

- a. ☐ I hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).
- b. ☐ I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
4. ☐ Relevance of the non-English language document(s) is discussed in the present specification.
5. ☐ The document(s) was/were cited in a corresponding foreign application. An English language version of the foreign search report is attached for the Examiner's information.
6. ☐ A concise explanation of the relevance of the non-English language document(s) appears below:
7. ☐ The Examiner's attention is directed to co-pending U.S. Patent Application Nos., which are directed to related technical subject matter. The Examiner is respectfully requested to consider the cited applications and the art cited therein during examination.
8. ☐ Copies of the documents were cited by or submitted to the Office in Application No. , filed , which is relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).
- It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and to indicate in the official file wrapper of this patent application that the documents have been considered.


**LEIBER et al.**

**Serial No. 10/030,472**

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 14-1140 referencing docket number 35-222.

Respectfully submitted,

**NIXON & VANDERHYE P.C.**

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# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2004/0145788	07/2004	LEIBER et al.	359	3	
	2004/0136040	07/2004	NOEHTE et al.	359	35	
	2004/0136037	07/2004	LEIBER et al.	359	1	
	2004/0066546	04/2004	NOEHTE et al.	359	1	
	2004/0053140	03/2004	STADLER et al.	430	1	
	2004/0051919	03/2004	NOEHTE et al.	359	3	
	2004/0036187	02/2004	LEIBER et al.	264	1.7	
	2004/0030732	02/2004	GERSPACH et al.	708	111	
	2004/0009406	01/2004	HESELINK et al.	430	1	
	2003/0235136	12/2003	AKSELROD et al.	369	108	
	2003/0179277	09/2003	STADLER et al.	347	224	
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	2003/0156524	08/2003	STADLER et al.	369	103	
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	6,372,341	04/2002	JUNG et al.	428	354	
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	6,266,166	07/2001	KATSUMATA et al.	359	3	

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DOCUMENT			DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
		02/46845	03/2004	WO				
		02/15179	09/2003	WO				
		01/84544	09/2003	WO				
		01/04880	09/2004	WO				
		00/17864	05/2002	WO				
		00/54112	09/2000	WO				

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

	Ramanujam et al., "Instant Holography" Applied Physics Letters, Vol. 74 (21) pp. 3227-3229 (05/1999)
	Optimem Das Projekt OptiMem verfolgt im Wesentlichen drei Ziele: pp 1-8
	CHIP Das Computer Magazine, Industrie Baut Auf Plastik, Tesa-Film als Giga-Speicher, pgs.194-198 (1998)

*Examiner		Date Considered	
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Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

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**LEIBER et al**

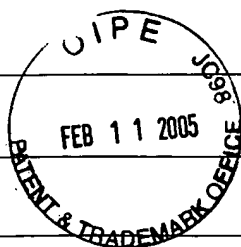
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	6,452,890	09/2002	KAWANO et al.	369	110.01	
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	6,383,690	05/2002	VARGAS	430	5	
	6,364,233	04/2002	CROWLEY, William S.	242	332.8	
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	5,851,615	12/1998	KAY	428	40.1	
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	5,838,653	11/1998	FAN et al.	369	275.1	
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	5,764,583	06/1998	CLIFF et al.	365	230.03	
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		29816802	03/2000	DE				
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	Ramanujam et al., "Instant Holography" Applied Physics Letters, Vol. 74 (21) pp. 3227-3229 (05/1999)

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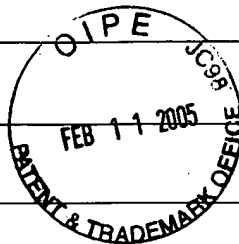
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	5,639,588	06/1997	HUH	430	270.15	
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	5,572,492	11/1996	OGAWA	369	14	
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		10039372	03/2002	DE				
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		2910390	10/1979	DE				
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		0 750 308	12/1996	EP				
		0 514 589	11/1992	EP				

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		0 458 604	11/1991	EP				
		0 421 761	04/1991	EP				
		0 410 205	01/1991	EP				
		0 384 041	08/1990	EP				
		0 360 144	03/1990	EP				
		0 352 194	01/1990	EP				
		0 323 167	07/1989	EP				

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)


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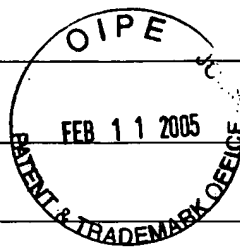
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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

							TRANSLATION	
DOCUMENT			DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
		4-197781	07/1992	JP			ABSTRACT	
		3-164293	07/1991	JP			ABSTRACT	
		3-147540	06/1991	JP			ABSTRACT	
		3-134852	06/1991	JP			ABSTRACT	
		3-23517	01/1991	JP				
		2-118632	05/1990	JP			ABSTRACT	
		2-105346	04/1990	JP			ABSTRACT	
		2-98822	04/1990	JP				

**OTHER DOCUMENTS** (including Author, Title, Date, Pertinent pages, etc.)

[illegible]

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## TRANSLATION

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